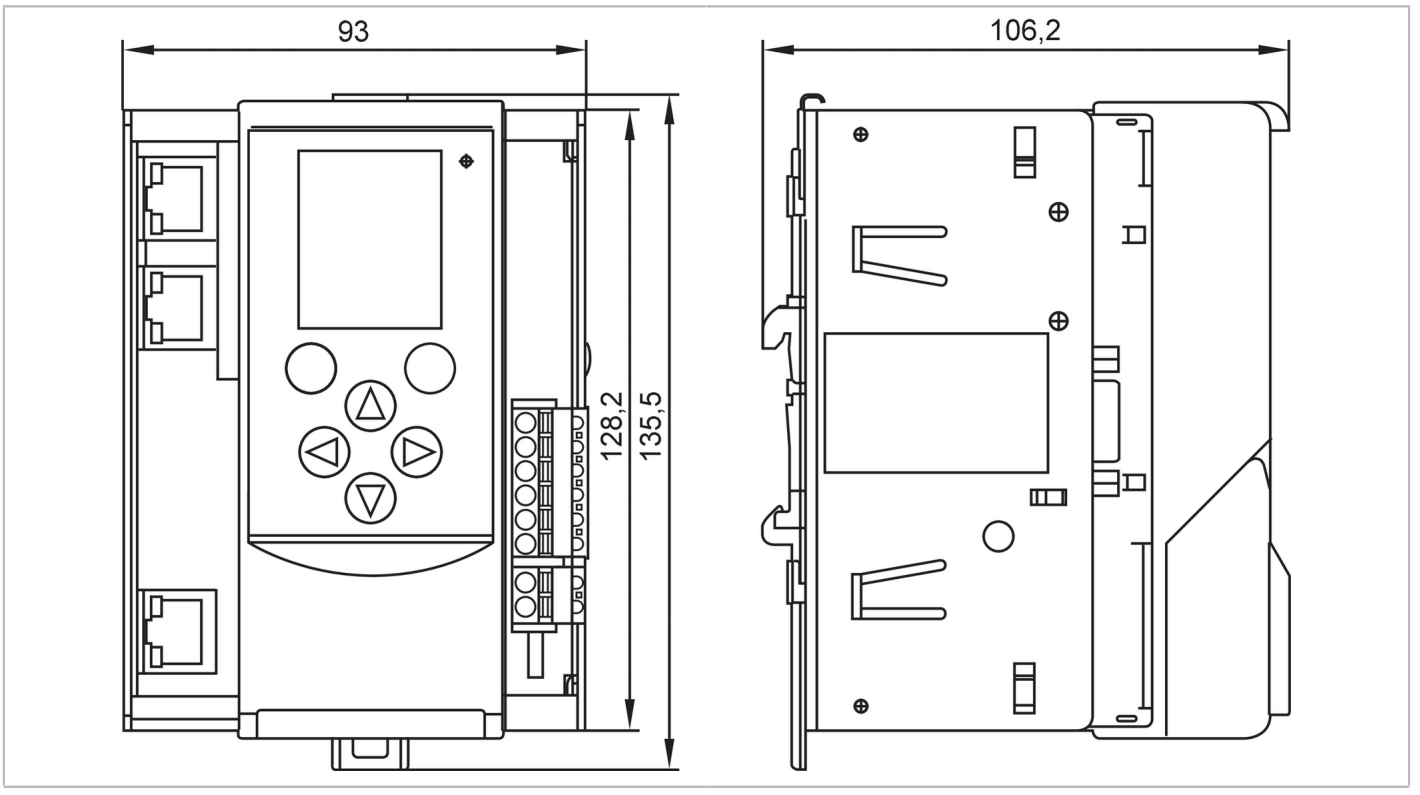
AC1433

AS-Interface EtherCAT gateway with PLC

SmartPLC DataLine 1ASi ECAT



Application		
Design		housing for DIN rail mounting
Application		standard PLC and/or AS-i/EtherCAT gateway
Electrical data		
Operating voltage	[V]	18...32 DC; (AUX; AS-i: 21...31,6 V DC)
Current consumption	[mA]	< 500; (AUX / AS-i 1)
Max. current consumption from AS-i	[mA]	500; (with external supply: 10 mA)
Number of AS-i masters		1
Electrical separation		yes
Outputs		
Voltage range DC	[V]	to PELV
Interfaces		
Communication interface		Ethernet; OPC-UA
Ethernet - EtherCAT		
Protocol		EtherCAT
Usage type		data transmission; programming
Ethernet - EtherNet/IP		
Transmission rate		100 MBaud
Protocol		EtherNet/IP
Usage type		programming

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Ethernet - Modbus TCP			
Transmission rate			10 MBaud; 100 MBaud
Connector type			RJ45
Protocol			Modbus TCP
Usage type			programming
Ethernet - TCP/IP			
Transmission rate			10 MBaud; 100 MBaud
Connector type			RJ45
Protocol			TCP/IP
Usage type			programming
Ethernet - UDP/IP			
Transmission rate			10 MBaud; 100 MBaud
Connector type			RJ45
Protocol			UDP/IP
Usage type			programming
Operating conditions			
Ambient temperature	[°C]		0...60
Storage temperature	[°C]		-20...70
Protection			IP 20
Tests / approvals			
MTTF	[years]		43
AS-i classification			
AS-i version			3.0
AS-i master profile			M4
AS-i certificate			97304
Mechanical data			
Weight	[g]		136.5
Housing			rectangular
Type of mounting			mounting on DIN rail; (TH35 (EN 60715))
Dimensions	[mm]		135.5 x 93 x 106.2
Materials			aluminium powder-coated; steel sheet galvanised; PC
Displays / operating elements			
Display		function	1 x LED, red/green
			full graphic LCD display
Accessories			
Items supplied			terminals
Remarks			
Pack quantity			1 pcs.

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Electrical connection

terminals: ...2.5 mm²

Connection

